

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-244400

(43)Date of publication of application : 14.09.1999

(51)Int.Cl.

A61N 1/44

A61N 1/08

A61N 1/16

(21)Application number : 10-049835

(71)Applicant : NIPPON HANEKKU:KK

(22)Date of filing : 02.03.1998

(72)Inventor : IMAMURA HIROSHI

(54) PLATE

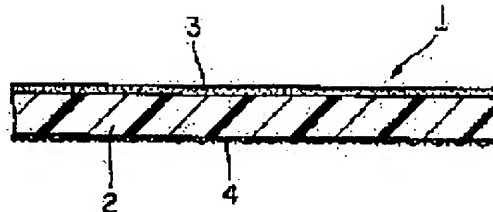
(57)Abstract:

PROBLEM TO BE SOLVED: To shut out electromagnetic waves radiated from outward and to provide minus ions for an user's body easily by forming a layer of tourmaline by painting a paint in which powdered tourmaline each of which diameter is prescribed is mingled on the one side of the plate made of synthetic resin and by sticking a board of metallic mesh on another side.

SOLUTION: Plate 1 partly shuts off the electromagnetic wave radiated from outward and generates minus ions.

Plate 2 made from synthetic resin is used for the main board of the plate 1. Layer 3 of tourmaline is formed on the one side of the plate 1 and board 4 of metallic mesh is stuck to another side. The layer 3 of tourmaline is

formed by painting a paint in which tourmaline is mingled on the one side of the plate 2. For the paint that composes the layer 3 of tourmaline, powdered tourmaline of which diameter should be 0.5-50  $\mu\text{m}$  is mingled in an ordinary paint and use. Thermoplastic materials should be used for the paint.



### LEGAL STATUS

[Date of request for examination]

01.12.1999

[Date of sending the examiner's decision of rejection] 13.08.2002

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office